

MINNESOTA AG NEWS

WEEKLY CROP-WEATHER



USDA, NASS, MINNESOTA
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USDA, NASS, MINNESOTA FIELD OFFICE, IN COOPERATION WITH THE NATIONAL WEATHER SERVICE - CHANHASSEN MN,
UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, AND USDA-NRCS

PLANTING OF SUGARBEETS AND SMALL GRAINS NEARLY COMPLETED

Planting of Minnesota’s sugarbeet acreage was nearly complete as of Sunday, May 13th, according to USDA, NASS, Minnesota Field Office. Planting of spring wheat, oats, and barley were more than 90% complete. Warm weather this past week boosted soil temperatures across the state and advanced emergence of the small grain and corn crops ahead of the five-year average.

The average temperature for the week was 61.6°, 7.4° above normal. Statewide topsoil moisture supplies as of Friday were rated 3 percent very short, 17 short, 70 adequate, and 10 surplus.

As of Sunday, an estimated 88 percent of corn acreage was planted and 45 percent emerged, compared to the five-year average of 84 percent planted and 16 percent emerged. Soybean planting was 45 percent complete compared to 32 percent for the average. Sugarbeet planting was 96 percent complete, compared to 85 percent for the average.

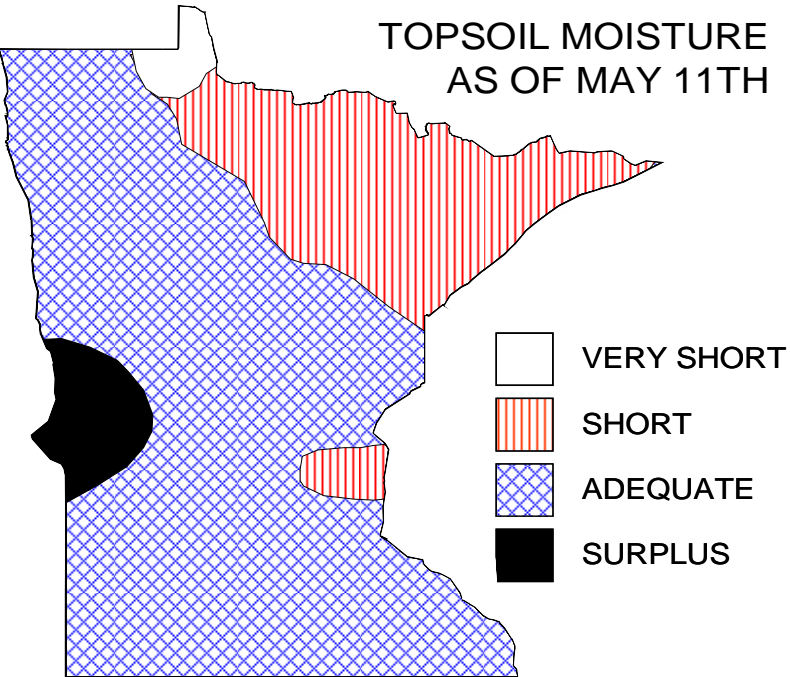
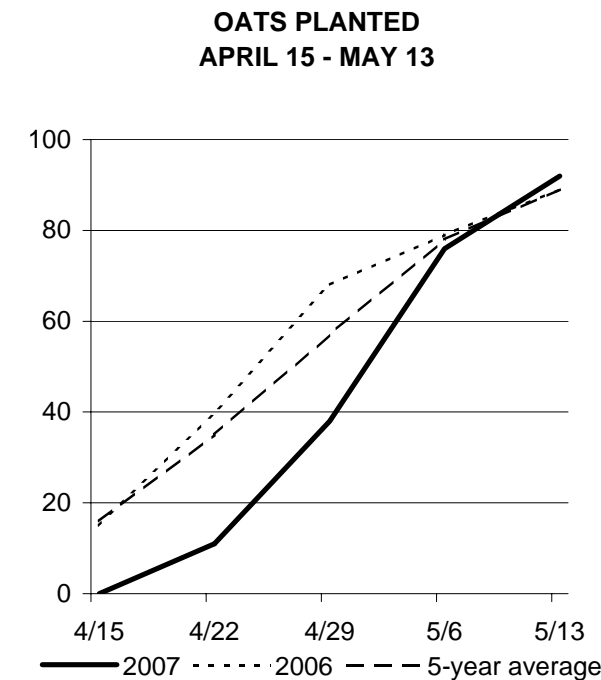
Spring wheat acreage was 93 percent planted and 55 percent emerged compared to the average of 78 planted and 39 percent emerged. Oat acreage was 92 percent planted, and 66 percent emerged. Potato planting was 70 percent complete, compared to 71 percent for the average. Green Pea planting was 72 percent complete, compared to 63 percent for the average.

Pasture was rated at 65 percent in Good or Excellent condition. Alfalfa was rated at 63 percent Good or Excellent condition.

Days Suitable for Fieldwork: 4.6				
	Very Short	Short	Adequate	Surplus
Topsoil Moisture (%)	3	17	70	10

Crop Progress as of May 13, 2007					
Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
----- Percent -----					
Corn	Land Prepared	91	81	86	93
	Planted	88	70	73	84
	Emerged	45	5	18	16
Soybeans	Land Prepared	59	29	35	49
	Planted	45	14	19	32
	Emerged	4	0	0	1
Oats	Planted	92	76	89	89
	Emerged	66	24	69	60
Barley	Planted	92	60	61	73
	Emerged	43	10	37	34
Spring Wheat	Planted	93	77	70	78
	Emerged	55	12	41	39
Canola	Planted	72	15	11	31
Sugarbeets	Planted	96	77	66	85
Green Peas	Planted	72	58	63	63
Sweet Corn	Planted	35	20	21	26
Dry Beans	Planted	16	1	11	14
Sunflowers	Planted	34	5	9	14
Potatoes	Planted	70	57	68	71

Crop Condition as of May 11, 2007 in %					
	Very Poor	Poor	Fair	Good	Exc
Pasture	2	7	26	53	12
Oats	0	2	25	60	13
Alfalfa	3	11	23	49	14



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING May 13,2007:
Temperatures averaged from 4.9 degrees above normal in the Northeast District to 8.5 degrees above normal in the Southwest District. Extremes: 30 degrees in Hibbing, International Falls; 93 degrees in Alexandria, Montevideo, Collegeville, St. Cloud. Precipitation averaged from 0.39 inch below normal in the South Central and East Central Districts to 0.55 inch below normal in the West Central District. Greatest weekly total was 0.99 inch recorded in St Paul.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 5/7/2007 through 5/13/2007

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	From Four Weeks	Norm Since 5/13	Since May 3	Depart from Norm
<u>NW DIST 1</u>										
Crookston	85	42	60.5	6.3	0	-.48	1.13	1.66	118	32
Moorhead	88	43	63.2	7.9	.22	-.30	2.51	2.90	139	47
Warroad	87	37	59.2	8.7	.01	-.46	-1.22	-.08	101	36
<u>NC DIST 2</u>										
Grand Rapids	85	38	59.7	7.4	.03	-.54	.55	.57	125	52
Intl. Falls	85	30	56.9	5.7	0	-.49	.17	.02	118	50
Itasca	84	37	59.4	9.2	0	-.55	-.10	.74	123	61
<u>NE DIST 3</u>										
Duluth	86	39	58.5	8.6	0	-.60	-.53	-.67	98	41
Grand Marais	83	37	48.5	2.7	.12	-.38	-.56	-.38	43	9
Hibbing	84	30	54.0	3.3	0	-.50	-1.08	-1.05	118	54
<u>WC DIST 4</u>										
Alexandria	93	44	62.8	8.6	0	-.59	.12	-.05	125	40
Browns Valley	82	44	61.2	5.1	.04	-.45	1.60	3.52	120	22
Canby	82	45	66.1	9.3	0	-.59	.54	2.42	163	62
Fergus Falls	82	47	61.6	6.9	0	-.53	1.39	3.15	119	32
Montevideo	93	47	64.6	8.7	.07	-.58	.05	-.41	145	50
Morris	82	44	60.8	5.0	0	-.58	.29	1.76	117	22
<u>CENT DIST 5</u>										
Becker	87	45	62.1	7.5	.44	-.27	-1.08	-1.39	127	40
Collegeville	93	46	65.5	8.4	.07	-.63	-.23	-.02	146	42
Hutchinson	87	49	63.7	7.1	.11	-.51	.09	-.18	133	33
Olivia	87	49	62.6	6.6	0	-.62	.73	.84	126	29
St. Cloud	93	43	62.8	8.2	.07	-.51	-.79	-1.12	135	48
Staples	80	41	58.9	5.8	.15	-.45	.97	.84	105	26
Willmar	84	45	61.7	5.8	.24	-.37	1.69	2.69	122	26
<u>EC DIST 6</u>										
Aitkin	77	38	59.2	7.5	0	-.63	.33	.34	121	51
Forest Lake	90	46	63.8	8.2	.01	-.70	-1.84	-1.17	140	46
MSP Airport	92	51	66.2	9.0	.21	-.45	-1.48	-2.00	155	51
St. Paul - UofM	88	49	66.2	8.1	.99	.23	-.69	-1.06	162	51
<u>SW DIST 7</u>										
Lamberton	M	M	M	M	.25	-.45	.72	1.18	41m	-60m
Pipestone	88	46	63.8	8.3	.10	-.60	.11	.28	138	44
Redwood Falls	92	48	65.5	7.4	.25	-.40	.91	.21	150	39
Worthington	88	50	63.8	8.9	.09	-.60	-.21	.39	132	43
<u>SC DIST 8</u>										
Faribault	87	49	63.7	8.6	.32	-.49	-2.14	-2.39	135	45
Mankato	87	50	64.1	7.7	.64	-.07	-1.72	-1.90	142	43
Waseca	88	49	64.0	7.8	.59	-.28	-1.88	-2.01	140	42
Winnebago	84	48	63.1	6.8	.12	-.72	-1.72	-1.77	135	35
<u>SE DIST 9</u>										
Preston	87	41	61.2	6.7	.10	-.75	-2.16	-1.40	127	42
Red Wing	88	51	64.0	7.6	.26	-.50	-2.12	-2.78	141	43
Rochester	87	46	64.4	9.6	.11	-.67	-2.33	-3.15	142	55
Rosemount	86	49	63.4	8.0	.41	-.45	-1.70	-1.44	134	43
Winona	86	48	63.8	5.6	.28	-.56	-2.23	-1.64	139	27

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

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